AMENDMENTS TO THE CLAIMS

The application was inadvertently filed originally without a claim 36. In Paper No. 5, dated 2/5/2003, the Examiner renumbered claims 37-60 as claims 36-59, respectively. Along with the other amendments, the claims have been amended below to conform their dependencies in accordance with this renumbering.

- 1 (Currently amended). An optical filter comprising:
- at least three retarders, the at least three retarders causing optical rotation to light of a first spectrum substantially without introducing composite retardation.
- 2 (Original). The filter of claim 1, wherein the at least three retarders are isotropic to light of a second spectrum.
 - 3 (Original). The filter of claim 2, further comprising:
 - a bias retarder,
 - wherein the bias retarder and the at least three retarders have about a half wave of retardation.
- 4 (Original). The filter of claim 3, wherein the filter is an achromatic half wave retarder in the first spectrum and in the second spectrum.
- 5 (Original). The filter of claim 3, wherein the filter has a substantially wavelength stable eigenpolarization.
 - 6 (Original). The filter of claim 1, wherein the optical rotation is a 90° optical rotation.
- 7 (Original). The filter of claim 1, wherein the optical rotation of the at least three retarders is achromatic in the first spectrum.

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- 8 (Original). The filter of claim 1, wherein the at least three retarders have a substantially wavelength stable eigenpolarization.
- 9 (Original). The filter of claim 1, further comprising a first beam splitter in optical series with the at least three retarders.
- 10 (Original). The filter of claim 9, wherein the first beam splitter is a polarizing beam splitter.
- 11 (Original). The filter of claim 9, wherein the first beam splitter is a dichroic beam splitter.
- 12 (Original). The filter of claim 9, wherein the first beam splitter is a partially metallized mirror beam splitter.
- 13 (Original). The filter of claim 9, further comprising a second beam splitter in optical series with the at least three retarders and the first beam splitter.
 - 14 (Original). The filter of claim 1, further comprising:
 - a first beam splitter and a second beam splitter,
 - wherein the at least three retarders are between the first beam splitter and the second beam splitter; and
 - wherein skew light ray polarization effects of the first beam splitter are offset by skew light ray polarization effects of the at least three retarders and the second beam splitter.
- 15 (Original). The filter of claim 14, wherein the first beam splitter and the second beam splitter have a common normal vector.
- 16 (Original). The filter of claim 1, wherein the at least three retarders further includes a bias retarder to make a retardation of the at least three retarders have substantially no retardation.

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Claims 17 - 31 (Withdrawn)

Claim 32 (Canceled)

- 33 (Currently amended). The method of claim 32, An optical filtering method, the method comprising:
 - optically rotating light of a first spectrum without introducing composite retardation.
 wherein the optically rotating is performed by three or more retarders.
- 34 (Original). The method of claim 33, wherein the three or more retarders are achromatic in the first spectrum.
- 35 (Original). The method of claim 33, wherein the three or more retarders have a substantially wavelength stable eigenpolarization.
- 36 (Original). The method of claim 33, further comprising separating light into two different paths.
- 37 (Currently amended). The method of claim 37_36, wherein the separating is according to polarization.
- 38 (Currently amended). The method of claim 37_36, wherein the separating is according to light wavelength.
- 39 (Currently amended). The method of claim 32, further comprising: An optical filtering method, the method comprising:
 - a first separating of light into two different paths;
 - a second separating of light into two different paths; and
 - optically rotating light of a first spectrum without introducing composite retardation.
 - wherein the optically rotating occurs after the first separating but before the second separating such the optical rotating is substantially independent of skew ray direction.

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40 (Currently amended). The method of claim 32, further comprising An optical filtering method, the method comprising:

optically rotating light of a first spectrum without introducing composite retardation; and transmitting light of a second spectrum unaltered.

41 (Currently amended). The method of claim 32 33, wherein the optical rotating is a 90° optical rotation.

Claims 42 - 49 (Withdrawn)

Claims 50 - 53 (Canceled)

54 (Original). An optical arrangement comprising:

a planar polarizer;

a beam splitter; and

an out-of-plane retarder between the planar polarizer and the beam splitter.

55 (Currently amended). The arrangement of claim 55 54, wherein the out-of-plane retarder is a color selective polarizing filter.

56 (Currently amended). The arrangement of claim 55 54, wherein the planar polarizer has a transmission axis parallel or perpendicular to a plane containing an optic axis of the out-of-plane retarder.

57 (Currently amended). The arrangement of claim 55 54, wherein the beam splitter is a polarizing beam splitter.

58 (Currently amended). A method of filtering light, the steps of the method comprising: polarizing an incident light beam to from form a polarized light beam; retarding the polarized light beam with an out-of-plane retarder to form a retarded light beam; and splitting the retarded light beam.

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59 (Currently amended). The method of claim 59 58, wherein the out-of-plane retarder is a color selective polarizing filter.

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